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TRANSMITTAL LETTER TO THE UNITED STATES  ATTORNEY'S DOCKET NUMBER				
DESIGNATED/ELECTED OFFICE (DO/EO/US)		3081.169US01  U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			10/579,439	
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/EP2004/011785 INTERNATIONAL FILING DATE		PRIORITY DATE CLAIMED 14 November 2003		
-	INVENTION			
	R FOR COUPLING A LASER PROCESSING DEV NT(S) FOR DO/EO/US	/ICE TO AN OBJECT		
Dirk MUE	HLHOFF, Elke EBERT, Karsten FESTAG, Uwe V			
Applicant	herewith submits to the United States Desi	gnated/Elected Office (DO/E0	O/US) the following items and other information:	
1.	This is a FIRST submission of items concerning a	a submission under 35 U.S.C. 37	1	
2.	This is a SECOND or SUBSEQUENT submission	of items concerning a submission	on under 35 U.S.C. 371.	
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.			
4.	The US has been elected (Article 31).			
5.	A copy of the International Application as filed (	35 U.S.C. 371(c)(2))		
<u>.</u>	a. is attached hereto (required only if no	t communicated by the Internation	nal Bureau).	
	b.  has been communicated by the Intern	ational Bureau.		
	c. is not required, as the application was	filed in the United States Receiv	ring Office (RO/US).	
6.	An English language translation of the Internation	onal Application as filed (35 U.S.	C. 371(c)(2)).	
	a. is attached hereto.			
	b.  has been previously submitted under	35 U.S.C. 154(d)(4).		
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))			
	a. are attached hereto (required only if	not communicated by the Interna	ıtional Bureau).	
	b. have been communicated by the Inte	ernational Bureau.	·	
	c. have not been made; however, the t	ime limit for making such amendr	nents has NOT expired.	
	d. have not been made and will not be made.			
8.	An English language translation of the amendo	nents to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).	
9. 🔽	An oath or declaration of the inventor(s) (35 U.S	S.C. 371(c)(4)).	:	
10.	An English language translation of the annexes Article 36 (35 U.S.C. 371(c)(5)).	of the International Preliminary E	Examination Report under PCT	
Items	tems 11 to 20 below concern document(s) or information included:			
11.	An Information Disclosure Statement under 37	CFR 1.97 and 1.98.		
12.	An assignment document for recording. A sepa	rate cover sheet in compliance w	ith 37 CFR 3.28 and 3.31 is included.	
13.	A preliminary amendment.			
14.	An Application Data Sheet under 37 CFR 1.76.			
15.	A substitute specification.			
16.	A power of attorney and/or change of address letter.			
17. 🔲	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.			
18.	A second copy of the published International Ap	oplication under 35 U.S.C. 154(d)	(4).	
19. 🔲	A second copy of the English language translati	ion of the international application	า under 35 U.S.C. 154(d)(4).	

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

20. Other Rems or information:  Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office; Postcard Receipt.  The following fees have been submitted  21.	U.S. APPLICATION NO. (if known, see 37 CFR 1 10/579,439	5) INTERNATIONAL AF PCT/EP2004/011785	PPLICATION NO.	ATTORNEY'S DOCKET NUMBER 3081.169US01	
The following fees have been submitted 21.					
21. Basic national fee (37 CFR 1.492(a))	Copy of Notification of Missing Requirements officer 35 0.5.0. 37 f in the Office States Designated/Elected Office, Postcard Receipt.				
Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISAUS or the international preliminary examination report prepared by IPEAUS indicates all claims satisfy provisions of PCT Article 33(1)-(4)	The following fees have been submitted			CALCULATIONS	PTO USE ONLY
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	21. Basic national fee (37 CFR 1.492(a))		\$300	\$	
by IPEAUS indicates all claims satisfy provisions of PCT Article 33(1)-(4)	22. Examination fee (37 CFR 1.492(c))	*			
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	by IPEA/US indicates all claims satisfy pr	ovisions of PCT Article 33(1)-(4).	\$0	\$	
International Searching Authority	If the written opinion of the ISA/US or the Internat IPEA/US indicates all claims satisfy provi	sions of PCT Article 33(1)-(4)	\$0	\$	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compilance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof.  Number of each additional 50 or fraction RATE  thereof (round up to a whole number)  - 100 =	International Searching Authority International Search Report prepared by an ISA of previously communicated to the US by the	<b>*</b>			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof.  - 100 =  /50 =   x \$250   \$  Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total claims -20 = 0					
Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof (round up to a whole number)	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).				
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total claims -20 = 0		otal Sheets Extra Sheets Number of each additional 50 or fraction RATE			
after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total claims -20 = 0	- 100 = /50 =		× \$250	\$	I
Total claims -20 = 0				\$ 130.00	
Independent claims  -3 = 0	CLAIMS NUMBER FILED	NUMBER EXTRA	RATE	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)  TOTAL OF ABOVE CALCULATIONS = \$ 130.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 130.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 130.00  Amount to be 63/01/2007 refulbided: 00000108 100 39439	Total claims - 20 =	0	× \$ 50	\$	
TOTAL OF ABOVE CALCULATIONS = \$ 130.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  SUBTOTAL = \$ 130.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 130.00  Amount to be 63/01/2007 referenced. 80000108 10 789439		<u> </u>			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 130.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 130.00  Amount to be \$ 130.00 OP	MULTIPLE DEPENDENT CLAIM(S) (if applicable		· · · · · · · · · · · · · · · · · · ·		
SUBTOTAL = \$ 130.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$ 130.00  Amount to be 7.39439  HI FI'-1517 Amount to be \$ 130.00 OP	Applicant plains and looking date. Co. 27.6			\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 130.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$ 130.00  Amount to be 3/01/2007 FETURIOR (1998) 10 79439	Applicant claims small entity status. See 37 C	FR 1.27. Fees above are reduc		400.00	
claimed priority date (37 CFR 1.492(i)). + \$  TOTAL NATIONAL FEE = \$ 130.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   TOTAL FEES ENCLOSED = \$ 130.00  Amount to be	Processing for of \$120.00 for furnishing the English	sh translation later than 20 month		\$ 130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED = \$ 130.00  Amount to be refull ided: 08080108 10 759439  HI FI'-1517 Amount to be \$ 130.00 OP	· ·			\$	
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED = \$ 130.00  Amount to be 03/01/2007 refull block 00000108 10 739439  HI FU-1517 Amount to be \$ 130.00 0P	TOTAL NATIONAL FEE =			\$ 130.00	
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PTO-1390 (Rev. 07-2005)

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U<sub>4</sub>S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a.	A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge an Account No. 16-0631 . A duplicate copy of this s	ny additional fees which ma sheet is enclosed. Information on this form ma	to cover the above fees.  by be required, or credit any overpayment to Deposit  ay become public. Credit card information should not
	Where an appropriate time limit under 37 CFR 1.499 inted to restore the International Application to pen		ition to revive (37 CFR 1.137(a) or (b)) must be filed
Dougla Patters 4800 II 80 Sou	ALL CORRESPONDENCE TO:  as J. CHRISTENSEN son, Thuente, Skaar & Christensen, P.A.  DS Center ath 8th Street apolis, Minnesota 55402		SIGNATURE Douglas J. Christensen NAME 35,480 REGISTRATION NUMBER
	·		

PRIORITY DATE

11/14/2003



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.		
10/579,439	Dirk Mühlhoff	3081,169US01		
·		INTERNATIONAL APPLICATION NO.		
	<del></del>	PCT/EP04/11785		

24113 PATTERSON, THUENTE, SKAAR & CHRISTENSEMCHAVED 4800 IDS CENTER 80 SOUTH 8TH STREET **MINNEAPOLIS, MN 55402-2100** 

DOCKETING JAN 0 8 2007

PATTERSON, THUENTE, SKAAR & CHRISTENSEN, P.A.

**CONFIRMATION NO. 7861 371 FORMALITIES LETTER** 

\*OC000000021839738\*

I.A. FILING DATE

10/18/2004

DOCKETED

Date Mailed: 01/05/2007

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/15/2006
- English Translation of the IA filed on 05/15/2006

Copy of the International Search Report filed on 05/15/2006

 Preliminary Amendments filed on 05/15/2006 Information Disclosure Statements filed on 05/15/2006

U.S. Basic National Fees filed on 05/15/2006

Priority Documents filed on 05/15/2006

Missing Requirements due	3-5-07	
Per 1 month extension	4-5-07	
Per 2 month extension	5 -5-07	
Per 3 month extension	6 ·5·07	
Per 4 month extension	7 - 5-07	
Per 5th & final extension	8-5-07	
Tol oth a final ontollor	JUM	

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Surcharge.

Jouketing Review	
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ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filling a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

## PART 1 - ATTORNEY/APPLICANT COPY

	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
U.S. APPLICATION NUMBER NO.		
10/579,439	PCT/EP04/11785	3081169US01

FORM PCT/DO/EO/905 (371 Formalities Notice)

2-28-07

## PATENT APPLICATION



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re the application of: Dirk Muehlhoff et al.

Attorney Docket No.: 3081.169US01

Application No.:

10/579,439

Confirmation No.: 7861

Filed:

May 15, 2006

ADAPTER FOR COUPLING A LASER PROCESSING DEVICE TO AN OBJECT For:

## SUBMISSION OF DOCUMENTS

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above-identified application are the following documents:

- Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (3 pgs.);
  - Copy of Notice of Missing Requirements (2 pgs.); 2.
  - Declaration and Power of Attorney for Patent Application (4 pgs.); 3.
  - 4. Check in the amount of \$130.00; and
  - 5. Return receipt postcard.

The Commissioner is authorized to charge to Deposit Account No. 16-0631 any underpayments, overpayments or additionally required fees.

Respectfully submitted,

Douglas J. Christensen Registration No. 35,480

Customer No. 24113

Patterson, Thuente, Skaar & Christensen, P.A.

4800 IDS Center, 80 South 8th Street

Minneapolis, Minnesota 55402-2100

Telephone: (612) 349-3001

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.

CERTIFICATE OF EXPRESS MAIL

Express Mail Label No.:

EV968909482US

Date of Deposit:

27 February 2007

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.

Doris Whitcomb

Name of Person Making Deposit

Signature